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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PHOSPHONATE COMPOUNDS

(57) Abstract: The present invention relates to phosphonate compounds, compositions containing them, processes for obtaining them, and their use for treating a variety of medical disorders, e.g., osteoporosis and other disorders of bone metabolism, cancer, viral infections, and the like.

INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/\$5079

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) :A61K 51/515; C07F 9/02, 9/22, 9/28			
US CL :514/274, 775; 544/245; 562/15, 21 According to International Patent Classification (IPC) or to both parional absolute and IPC			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols)			
U.S. : 514/274, 775; 544/243; 562/13, 21			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAS ONLINE			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
SERAFINOWSKA et al. Synthesis and in Vivo Evaluation of Prodrugs of (-[2-(Phosphonomethoxy)ethoxy]adenine. J. Med. Chem. 1995, Vol. 38, No. 8, pages 1372-1379.			
Further documents are listed in the continuation of Box	C. See patent family annex.		
* Special categories of cited documents: T later document published after the international filing date or priority			
"A" document defining the general state of the art which is not considered	date and not in conflict with the app the principle or theory underlying the	lication but cited to understand	
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"E" earlier document published on or after the international filing date	confidence novel of cannot be confidence to involve an intentive step		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	when the document is taken alone	1	
epocial reason (as specified)	"Y" document of particular relevance; the considered to involve an inventive step		
document referring to an oral disclosure, use, exhibition or other with one or more other such documents, such combination being obvious to a person skilled in the art			
"P" document published prior to the international filing date but later "A" document member of the same patent family than the priority date claimed			
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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer Budger TAOFIQ A. SOLOLA		
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INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/33079

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.: 1, 3, 5, 8-15 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: Please See Extra Sheet.
5. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/55079

BOX I. OBSERVATIONS WHERE CLAIMS WERE FOUND UNSEARCHABLE 2. Where no meaningful search could be carried out, specifically:		
it is not possible to ascertain the structures that are included and/or excluded by R3 as defined in claim 1. Therefore, no meaningful search could be carried out on claims 1, 9-15. Claims 3, 5 and 8 recite trade names and/or trademarks. Therefore, no meaningful search could be carried out with respect to the claims.		